

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

B.TECH. DEGREE VIII SEMESTER EXAMINATION IN MARINE ENGINEERING JULY 2020

MRE 1805 MARITIME STATUTORY REGULATIONS (2013 Scheme)

Time: 3 hrs [36 Minutes for Answering and Scanning/Uploading the page of the Answer Sheet per module]
Max. Marks: 100 (20 per module)

INSTRUCTIONS

1. You have to answer only one question per module.
2. Answer may not exceed one page of an A4 size paper in a standard handwriting, as far as possible.
3. If at all an answer goes beyond one page, (due to your handwriting) another page can also be used. In such a situation, the page number should be given as 1/2, 2/2.
4. You have to put dated signature along with Register Number, Subject Code, Module/Group Number (as given in the Question Paper) in each page.
5. You have to put the Question Number correctly.
6. After answering the question, you have to scan and upload the answer page.

MODULE - I

(Answer *ANY ONE* question)

- I(1). (a) State steps involved for adoption and entry into force of an IMO Convention. (10)
What is Tacit Acceptance procedure?
- (b) Draw load line marks and state its applicability. (10)
- OR**
- I(2). (a) State responsibilities of a Flag State as enumerated in UNCLOS 1982. (10)
(b) Briefly explain location of watertight and weather tight doors on board a ship. (10)

MODULE - II

(Answer *ANY ONE* question)

- II(1). (a) State functional requirements of a Safety Management System in compliance with ISM Code. (10)
- (b) Enumerate on:
- (i) Duties of Designated Person Ashore (5)
 - (ii) Frequency of Internal and external audits for DOC and SMC. (5)

OR

- II(2). (a) State procedure involved for certification of a ship under ISPS Code. (12)
- (b) State and briefly explain various Security Levels under ISPS Code. (8)

MODULE - III

(Answer *ANY ONE* question)

- III(1). (a) State criteria for control of discharge of oily water from machinery space and cargo areas of an oil tanker within and outside special areas. (14)
- (b) Name the equipment and systems to be provided for machinery spaces of a ship under Annex I, MARPOL 73/78. (6)

OR

- III(2). (a) State regulations to be complied with for issue of IAPP Certificate under Annex VI, MARPOL 1973/78. (10)
- (b) State categorisation of ships and cargoes under Annex II, MARPOL 73/78. (10)
- Enumerate discharge standard of Annex II cargo wash.

MODULE - IV

(Answer *ANY ONE* question)

- IV(1). (a) State areas included in MLC 2006 other than up-to-date standards of existing ILO Conventions. (10)
- (b) What are the expectations of seafarers under MLC 2006? (10)

OR

- IV(2). Discuss the Flag State responsibilities as envisaged in MLC 2006. (20)

MODULE - V

(Answer *ANY ONE* question)

- V(1). (a) Write short notes on the following:
- (i) Port State Control (6)
 - (ii) Marine Casualty Investigation (7)
 - (iii) Role of Classification Societies in shipping (7)

OR

- V(2). (a) Discuss structure and role of DG Shipping and its allied offices. (15)
- (b) State documents submitted for registration of ships in India. (5)
